

1968 • FALL ISSUE

# post grad



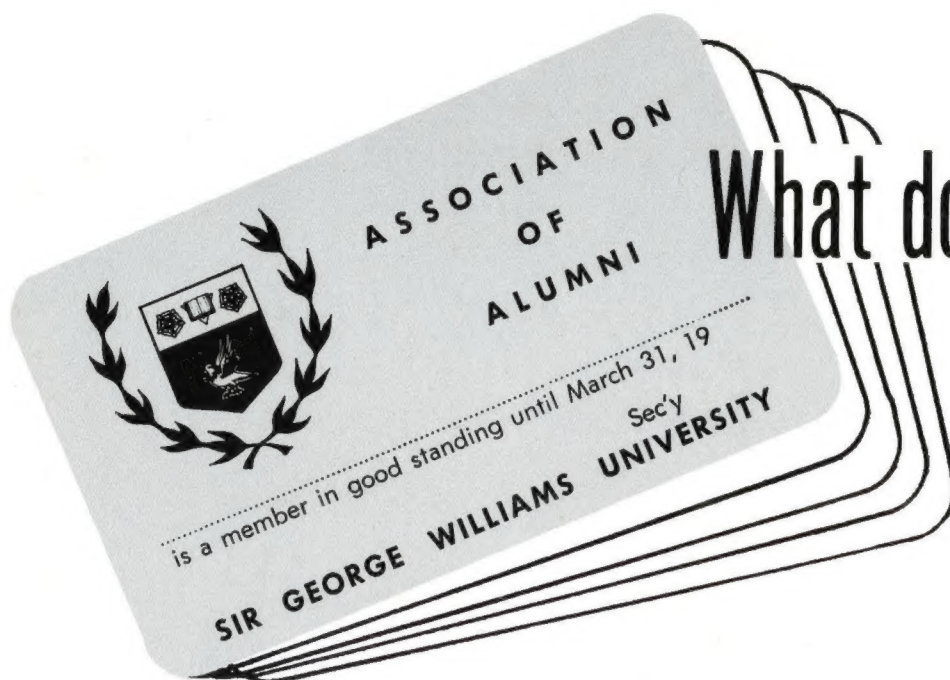
ASSOCIATION OF ALUMNI  
SIR GEORGE WILLIAMS UNIVERSITY

## IN THIS ISSUE:

THE TEAM ..... 4

THE PROBLEM ..... 5

THE PLAIN FACT IS ... 7



# What does it mean?

The Constitution of the Association of Alumni defines an "active member" as one who has contributed to the financial support of the University during the current fiscal year.

An excessively pragmatic viewpoint would be to ignore the obvious and demand "What do I get out of it?"

May we offer the following items for further consideration?

**YOUR REPUTATION:** It is a fact that a university training is a highly marketable item. Part of the stock in trade of every Georgian is the knowledge gained as an undergrad and, as the university's reputation gains stature, the intrinsic value of that stock increases proportionately. Support of your alma mater is, in a very real sense, support of oneself.

**YOUR LIBRARY:** Did you realize that active membership carried with it the privilege of purchasing a library card and thus utilizing all the facilities offered by the university's library?

**YOUR VOTE:** Active membership entitles you to the privilege of a vote at the Annual Meeting of the Association, and hence, through our two representatives on the Board of Governors, to have a hand in charting the future of the university.

**YOUR PROGRAMME:** The Association sponsors a series of programmes which range from seminars to charter flights; from homecoming games to tours of the concrete campus; from golf tournaments to publications which help you keep in touch with 11,000 other Georgians.



## ON THE MOVE?

If you are about to change your address or have just done so, would you please fill in the coupon and mail it to the Alumni Office, Sir George Williams University, Montreal.

Name ..... Degree/ Year .....  
(Family Name) (First and Middle Names)

Previous Address .....

New Address .....  
(Number and Street)

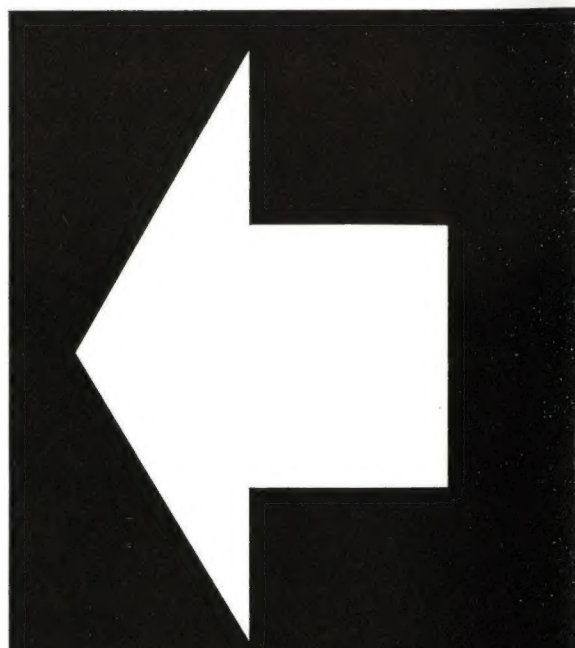
.....  
(City) (Zone) (Province or State)

Permanent Reference .....  
(Name and address of friend or relative through whom you may be reached for an indefinite time)

Business Address .....

Occupation .....

(If your move involves a promotion, a new job, we'd appreciate a note for a news item in the Alumni Journal.)







## If it's men's fashions ...we're with it

Takes a little daring to wear it but, frankly, we rather like the eye-catching *Rajah Suit*. It's neat, slim and very different. Fine fabrics in various shades and patterns. Eaton's also carries a most complete line of fine suits, sport jackets and slacks in more contemporary styles. With this sort of variety it's easy to please everyone. Visit us soon — Second Floor Downtown Montreal, Pointe Claire and Ville d'Anjou.

*The Fashion Store For Men*

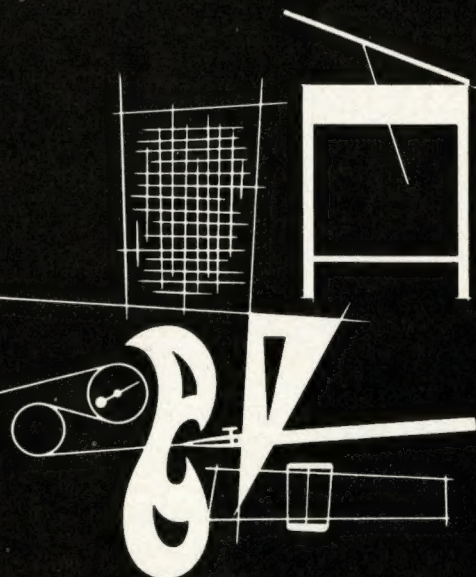
# EATON'S

# Hughes-Owens

BE PRACTICAL...use the best  
from the start!

DRAWING INSTRUMENTS  
ARTISTS' MATERIALS  
ENGINEERING and SURVEYING  
EQUIPMENT  
OZALID WHITE PRINTING

Advertising Department  
P.O. Box No. 2200, Montreal 9.  
Branches across Canada

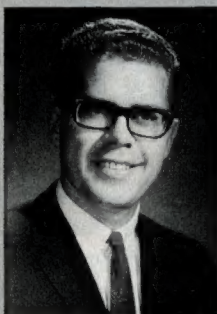




ASSOCIATION OF ALUMNI  
Sir George Williams University

VOLUME XXIV, NUMBER 1

Managing Editor:  
Donald Hathaway



D. B. HATHAWAY

GEORGIAN ALUMNI  
CAMPAIGN

November 1, to 30th 1968

Goal 60,000.00

Published Quarterly in April, June,  
September and December. Printed by  
RBT Printing & Litho Co. Ltd. Au-  
thorized as Second Class Mail, Post  
Office Dept., Ottawa.

Address all communications to The  
Postgrad, Association of Alumni, Sir  
George Williams University, Montreal  
25, Quebec.

Member American Alumni Council

## from the editor

Well, perhaps that is not strictly true but 'from the editor' has such a nice professional ring to it that I could not resist placing it above these comments. Alas, I am not really an editor, in fact I am not much of a writer either. Without taking refuge in cliches about roses and names and sweet smells and things, I am described as an "executive director", which is specific among the generic family "alumni director". I am part of a team, a management team which includes the Board of Directors of the Association of Alumni, of whom more is to be found within. Just for the moment we are talking about alumni directors and rather than a dissertation on my job description I include for your edification verse on the subject by Richard Armour in "Going Around in Academic Circles".

*Although their number grows each year that passes,  
He knows alumni by their names and classes  
As well as occupations, where they live,  
And what (not near enough) they give.  
At every football game you'll hear him scream  
As loud as any student, "Team! Go! Team!"  
For Alma Mater he will do or die.  
He wears her sacred colours in his tie.  
The college is his meat and drink, his life,  
He loves it as he does his children, wife.  
And since he's willed it half his earthly store,  
The pity is they do not pay him more.*

Aside from this bit of whimsy, I think that you will find that the format of this Postgrad departs from that of previous issues in that it becomes more categoric, a trend which will be continued in the future. The intent is to tell you more about the university community, with all that this term implies. To start at that most logical of places, the beginning, an article on fund raising is highlighted and a few notes are added on the people who are responsible for this and other alumni programmes at Sir George. I say that this type of article should be first in line not because fund raising is the most important thing in the world but because it constitutes a major part of the reason for existence of an association such as ours. But please understand my meaning. I certainly seek funds for the support of my university, but I want much more than the passive donation of a few dollars. I ask of you, John Doe Alumnus, a commitment to active involvement with Sir George that will ensure the continuing role of this institution in higher education in Canada.

Now that I have had a chance to run off at the mouth I'll offer the opportunity to you. Write letters to the editor. Curse the Association of Alumni. Criticize the university. Offer praises. Suggestions. Articles. Money. LET'S BE INVOLVED.

If there is a function which this magazine should perform, it is to inform, to elucidate, to campaign, and at times, to question. The subject matter of future issues can be, should be, perhaps will be determined by Postgrad's readers.

## in this issue:

the team .....	4
the problem .....	5
the plain fact is .....	7
 features	
personalities .....	24
news releases .....	26



## letters to the editor

Editor in Chief, the Postgrad

I would like to congratulate you on the spring issue of the Postgrad in which the first graduating class in Engineering is, quite rightly, given a leading place. I think it is very well done.

I notice that the honorary graduates at the spring convocation are not mentioned. Perhaps you will be able to find room in the next issue for them particularly as one of them (Dr. J. R. Kidd) is an alumnus of the University (B.A. 1938). Also, the speaker who received an honorary degree is, of course, an outstanding engineer.

With all good wishes for the continued success of Postgrad.

Yours sincerely,  
Henry F. Hall  
Principal Emeritus

## the editor replies:

*We goofed on that one, Doctor Hall, and we apologize.*

*I cannot think of a better way to honor the recipients of honorary degrees at Spring Convocation than to print your letter. The three gentlemen so honored are: Lionel Boulet, Director of Research, Hydro-Quebec; James Kidd, Head, Division of Adult Education, Ontario Institute for Studies in Education; and Samuel Schecter, Patron of the Arts and distinguished businessman.*

### On Metaphors

A bee settled on a tiny petal of a field flower, and the bee curled itself around and about the flower. A man watched the bee. It was a simple moment of wonder. Nothing else.

Later, the man was asking: What is an anachronism? Of poetry, psychology, sociology, history, geography, and of all things in and out of the University? What does it say in the dictionary?

An error in computing historical time ... anything foreign to or out of keeping with a specified epoch (as where Shakespeare makes Hector quote Aristotle).

Everything pales beside that anachronistic, magic moment of the bee on the tiny petal of the field flower.

Kenneth G. Coward.

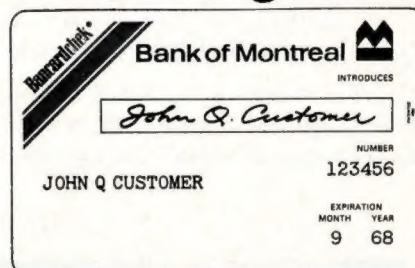
P.S. To the Editor.

If "On Metaphors" seems like a moment's thought, pertinent to the forum on student activism, you may use it in the "letters to the editor" column. The thought isn't intended as if to exhaust the discussion.

Sincere regards,  
Kenneth G. Coward.

# Lots of cards are good for credit

## Bancardchek<sup>®</sup> is good for cash



What happens when you have to deal at a place your credit cards don't cover? Or you just want cash and no one knows you from Adam?

What do you do? You just cash a Bancardchek on your regular chequeing account.

### The guaranteed cheque

Bancardcheks are guaranteed by Bank of Montreal ... negotiable anywhere in Canada. It takes two things to cash a Bancardchek. The "card" says you're you. And the signature on your cheque must match your card.

### No pre-payment

Unlike travellers' cheques, you don't pay in advance. If the money is not in your account, instant pre-approved credit is available. And it costs you nothing until you use it.

### Want more information on Bancardchek?

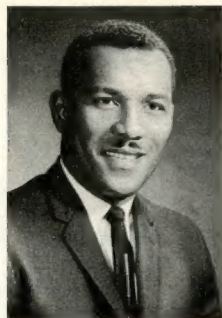
Drop in at your nearest branch or write Bank of Montreal, P.O. Box 6002, Montreal, P.Q. for an application form. Bancardchek is a unique new international service, exclusive throughout Canada with Bank of Montreal.



## Bank of Montreal

Canada's First Bank





V. E. ECCLES  
President



R. K. G. NORRIS  
1st Vice-President



D. C. McPHIE  
2nd Vice-President



M. C. ZWAIG  
Treasurer

## THE TEAM

In the spring of 1968 a seven man nominating committee sat down to fulfill the responsibilities of their office, that is, to ensure a full slate of nominees would be presented at the Association of Alumni's annual meeting in June. Mere replacement of personnel, of finding a "warm body", is comparatively easy, but this was not the goal. To inaugurate the "Year of Action" plan, it was felt that new criteria had to be applied and new demands in terms of commitment had to be met. The latter was simple: for Board members three to five hours per week, for Executive members, ten or more.

The Board of Directors is twenty in number, ten of whom are elected each year for a two year term of office. A director may serve two consecutive terms on the Board and a further term as a member of the Executive Committee. The nominating committee is required to present a slate of ten new members and a roster of nominees for the five positions on the Executive Committee.

The Board of Directors for 1968-69 is faced with the awesome task of overcoming years of inertia and placing the Association of Alumni on a sound financial basis. Will they be successful? Only you can answer that question.



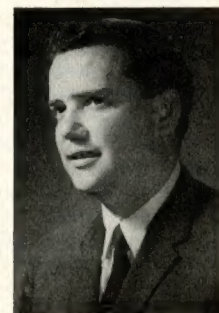
J. S. ALLEN  
Secretary



B. DEZWIREK



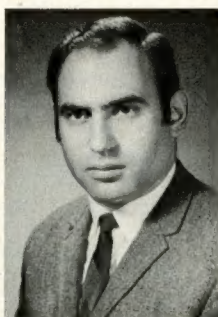
R. Y. OBERLANDER



R. BANNERMAN



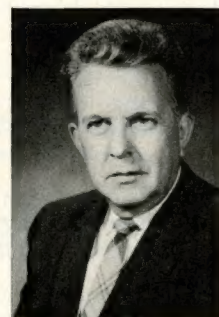
H. ROY



J. JACKSON



B. T. SMITH



A. MARJERISON



WM. A. CLOUGH



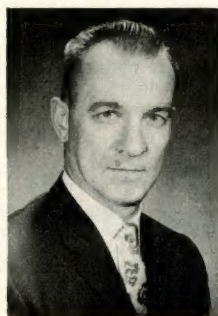
G. TRIM



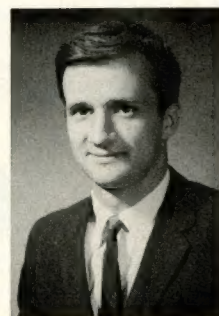
MRS. G. McPHIE



B. CONNOLLY



G. L. WOOD



R. K. MOORES



M. DESAULNIERS



J. R. HANNAN



In April of 1968, the Principals of Quebec's three English-language universities declared in a joint statement that in the face of the Quebec Government's decision on operational grants, "we therefore must express a growing uneasiness about the future treatment and status of the English-speaking population of Quebec." The Principals emphasized that they were not questioning total amounts allocated to Quebec universities, but the method of distribution of these operating grants.

In spite of recommendations from a committee appointed by its own Ministers of Finance and Education, the Quebec Government "has nullified the work of the Gauthier Committee; it has so changed the distribution of the grants recommended by that Committee that the French language universities will receive an increase of \$1.5 million while the English-language universities will suffer a cut of \$2.9 million."

It is not the purpose of this writer to comment upon the fiscal processes of the Quebec Government; the tables which are included on the following page will accomplish that quite

effectively. It is my purpose to offer a comment on where we, as alumni, fit into the picture.

The right of the individual to an education is an accepted fact in our society, but what education? Surely, we who enjoy the rewards must ensure that the same opportunities exist for our children. The staggering economic burden of higher education necessitates government support, but the participation of the citizen is equally important. His active interest ensures political freedom; his support ensures diversity of approach. It will be a sad day when we are faced with the prospect of universities wholly financed by the state and hence under the predominant power of a government agency. Character moulding, indeed! John Stuart Mill in "On Liberty" wrote "An education established and controlled by the State should only exist, if it exist at all, as one among many competing experiments, carried on for the purpose of example and stimulus, to keep the others up to a certain standard of excellence."

## THE PROBLEM

COSTS

INCOME

The centre section of this magazine contains an essay written by a body of people uniquely equipped to portray current thought about the financing of higher education. Editorial Projects for Education is a group drawing upon and writing about education in the United States in particular but the North American scene is so uniform in this field that the essay is entirely applicable to Canada and Quebec.

As a summation of ideas and an introduction to "The Plain Fact Is —" I commend to you the latter part of an address by Mr. Vernon Eccles, President of the Association of Alumni.

"It is true that, though government grants to operational expenses were increasing during the period we are reviewing, they did not match our requests for grants. And we may be tempted to think that the total answer lies in an assiduous lobby to bring about an equivalence between the grants which we receive and our requests for them. But the problem is more delicate than such an approach would suggest. For one thing, continuous and total government absorption of operational grants can cause most elected governments to require increasing influence in university decision making. Just how

strong an influence of this nature will be equitable, in those circumstances, is open to a surmise of some uncertainty.

"But, even now, very real and very present, there are immediate problems which strongly suggest that an undue reliance on government grants for supporting the on-going financial needs of Sir George and its student populations must be approached with caution. That it must above all, be complemented with a strong concurrent effort to diversify the sources of support, that former students must be a definite and significant one of these sources.

"If you can help, why should you help? Because the growth of your university must be consonant with the maintenance of the high calibre of education which it provides, so that the market value of your education will increase; because an active Association can provide you with services which you need; because, as a product of the Sir George experience, you must be concerned with the future of education in your Province, and at your university, since the future of the children which you have or will have, depends upon the quality of that education."



**QUEBEC UNIVERSITIES**  
**OPERATING EXPENDITURES PER FULL TIME STUDENT**

	1962-3	1963-4	1964-5	1965-6	1966-7	1967-8	GAUTHIER GOVERN- COMMITTEE MENT	
							1968-9	1968-9
LAVAL	\$1,881	\$2,009	\$2,075	\$2,350	\$2,461	\$2,500	\$2,481	\$2,547
MONTREAL	1,950	2,096	2,216	2,534	2,669	2,818	2,916	2,882
H.E.C.	1,542	1,644	1,617	1,670	1,596	1,361	1,732	1,389
POLY.	1,423	1,634	1,755	2,030	2,118	2,283	2,624	2,391
SHERBROOKE	1,682	1,824	2,289	2,875	2,727	2,808	2,834	2,871
BISHOP'S	1,314	1,529	1,420	1,629	2,232	2,035	2,162	2,072
McGILL	1,893	1,645	1,638	1,821	1,795	2,017	2,200	2,053
S.G.W.	983	1,093	1,273	1,328	1,831	1,842	2,007	1,921

**QUEBEC UNIVERSITIES**  
**OPERATING GRANTS PER FULL TIME STUDENT**

	1962-3	1963-4	1964-5	1965-6	1966-7	1967-8	GAUTHIER GOVERN- COMMITTEE MENT	
							1968-9	1968-9
LAVAL	\$ 964	\$1,071	\$1,340	\$1,478	\$1,741	\$1,930	\$1,914	\$1,971
MONTREAL	1,171	1,219	1,416	1,503	1,739	1,963	2,152	2,175
H.E.C.	1,053	847	692	828	750	853	1,301	957
POLY.	1,047	960	1,133	1,344	1,922	1,785	2,145	1,912
SHERBROOKE	1,070	1,209	1,232	1,582	1,804	2,082	2,018	2,137
BISHOP'S	539	485	553	699	939	1,201	1,439	1,348
McGILL	623	579	623	619	737	1,026	1,373	1,225
S.G.W.	218	217	196	293	951	958	1,132	1,045

**MONTREAL UNIVERSITIES**  
**MONTREAL    SIR GEORGE    MCGILL**  
**APPLICATION OF ONTARIO GRANT FORMULA IN 1967-68**

	MONTREAL	SIR GEORGE	MCGILL
<b>STUDENTS —</b> Collegial	815	1,323	2,781
Undergraduate*	6,839	8,108	8,695
Graduate	1,082	79	2,567
Number of Weighted Units	8,736	9,510	14,043
x Unit value of \$1,320 =	17,430	10,566	26,519
Less — Standard Tuition fees @ \$530 per student	\$23,007,600	\$13,947,000	\$35,005,080
Value of Grant by Ontario Formula	4,630,080	5,040,000	7,442,790
Actual Quebec Government Grant	18,377,520	8,907,000	27,562,290
<b>DIFFERENCE</b>	17,146,000	5,037,000	14,415,000
	\$ 1,231,520	\$ 3,870,000	\$13,147,290

\*NOTE: The number of evening students was divided by three to obtain equivalence.



# The Plain Fact Is...

...our colleges and  
universities “are facing  
what might easily  
become a crisis”

---

---

**O**UR COLLEGES AND UNIVERSITIES, over the last 20 years, have experienced an expansion that is without precedent—in buildings and in budgets, in students and in professors, in reputation and in rewards—in power and pride and in deserved prestige. As we try to tell our countrymen that we are faced with imminent bankruptcy, we confront the painful fact that in the eyes of the American people—and I think also in the eyes of disinterested observers abroad—we are a triumphant success. The observers seem to believe—and I believe myself—that the American campus ranks with the American corporation among the handful of first-class contributions which our civilization has made to the annals of human institutions. We come before the country to plead financial emergency at a time when our public standing has never been higher. It is at the least an unhappy accident of timing.

—McGEORGE BUNDY  
*President, The Ford Foundation*

---

---







## A Special Report



A STATE-SUPPORTED UNIVERSITY in the Midwest makes a sad announcement: With more well-qualified applicants for its freshman class than ever before, the university must tighten its entrance requirements. Qualified though the kids are, the university must turn many of them away.

► A private college in New England raises its tuition fee for the seventh time since World War II. In doing so, it admits ruefully: "Many of the best high-school graduates can't afford to come here, any more."

► A state college network in the West, long regarded as one of the nation's finest, cannot offer its students the usual range of instruction this year. Despite intensive recruiting, more than 1,000 openings on the faculty were unfilled at the start of the academic year.

► A church-related college in the South, whose denomination's leaders believe in strict separation of church and state, severs its church ties in order to seek money from the government. The college must have such money, say its administrators—or it will die.

Outwardly, America's colleges and universities appear more affluent than at any time in the past. In the aggregate they have more money, more students, more buildings, better-paid faculties, than ever before in their history.

Yet many are on the edge of deep trouble.

"The plain fact," in the words of the president of Columbia University, "is that we are facing what might easily become a crisis in the financing of American higher education, and the sooner we know about it, the better off we will be."

THE TROUBLE is not limited to a few institutions. Nor does it affect only one or two types of institution. Large universities, small colleges; state-supported and privately supported: the problem faces them all.

Before preparing this report, the editors asked more than 500 college and university presidents to tell us—off the record, if they preferred—just how they viewed the future of their institutions. With rare exceptions, the presidents agreed on this assessment: *That the money is not now in sight to meet the rising costs of higher education . . . to serve the growing numbers of bright, qualified students . . . and to pay for the myriad activities that Americans now demand of their colleges and universities.*

Important programs and necessary new buildings are



---

---

ALL OF US are hard-put to see where we are going to get the funds to meet the educational demands of the coming decade.

---

---

—A university president

being deferred for lack of money, the presidents said. Many admitted to budget-tightening measures reminiscent of those taken in days of the Great Depression.

Is this new? Haven't the colleges and universities always needed money? Is there something different about the situation today?

The answer is "Yes"—to all three questions.

The president of a large state university gave us this view of the over-all situation, at both the publicly and the privately supported institutions of higher education:

"A good many institutions of higher learning are operating at a deficit," he said. "First, the private colleges and universities: they are eating into their endowments in order to meet their expenses. Second, the public institutions. It is not legal to spend beyond our means, but here we have another kind of deficit: a deficit in quality, which will be extremely difficult to remedy even when adequate funding becomes available."

Other presidents' comments were equally revealing:

► *From a university in the Ivy League:* "Independent national universities face an uncertain future which threatens to blunt their thrust, curb their leadership, and jeopardize their independence. Every one that I know about is facing a deficit in its operating budget, this year or next. And all of us are hard-put to see where we are going to get the funds to meet the educational demands of the coming decade."

► *From a municipal college in the Midwest:* "The best word to describe our situation is 'desperate.' We are operating at a deficit of about 20 per cent of our total expenditure."

► *From a private liberal arts college in Missouri:* "Only by increasing our tuition charges are we keeping our heads above water. Expenditures are galloping to such a degree that I don't know how we will make out in the future."

► *From a church-related university on the West Coast:* "We face very serious problems. Even though our tuition is below-average, we have already priced ourselves out of part of our market. We have gone deeply into debt for dormitories. Our church support is declining. At times, the outlook is grim."

► *From a state university in the Big Ten:* "The budget for our operations must be considered tight. It is less than we need to meet the demands upon the university for teaching, research, and public service."

► *From a small liberal arts college in Ohio:* "We are

on a hand-to-mouth, 'kitchen' economy. Our ten-year projections indicate that we can maintain our quality only by doubling in size."

► *From a small college in the Northeast:* "For the first time in its 150-year history, our college has a planned deficit. We are holding our heads above water at the moment—but, in terms of quality education, this cannot long continue without additional means of support."

► *From a state college in California:* "We are not permitted to operate at a deficit. The funding of our budget at a level considerably below that proposed by the trustees has made it difficult for us to recruit staff members and has forced us to defer very-much-needed improvements in our existing activities."

► *From a women's college in the South:* "For the coming year, our budget is the tightest we have had in my fifteen years as president."

WHAT'S GONE WRONG?

Talk of the sort quoted above may seem strange, as one looks at the unparalleled growth of America's colleges and universities during the past decade:

► Hardly a campus in the land does not have a brand-new building or one under construction. Colleges and universities are spending more than \$2 billion a year for capital expansion.

► Faculty salaries have nearly doubled in the past decade. (But in some regions they are still woefully low.)

► Private, voluntary support to colleges and universities has more than tripled since 1958. Higher education's share of the philanthropic dollar has risen from 11 per cent to 17 per cent.

► State tax funds appropriated for higher education have increased 44 per cent in just two years, to a 1967-68 total of nearly \$4.4 billion. This is 214 per cent more than the sum appropriated eight years ago.

► Endowment funds have more than doubled over the past decade. They're now estimated to be about \$12 billion, at market value.

► Federal funds going to institutions of higher education have more than doubled in four years.

► More than 300 new colleges and universities have been founded since 1945.

► All in all, the total expenditure this year for U.S. higher education is some \$18 billion—more than three times as much as in 1955.



Moreover, America's colleges and universities have absorbed the tidal wave of students that was supposed to have swamped them by now. They have managed to fulfill their teaching and research functions and to undertake a variety of new public-service programs—despite the ominous predictions of faculty shortages heard ten or fifteen years ago. Says one foundation official:

"The system is bigger, stronger, and more productive than it has ever been, than any system of higher education in the world."

Why, then, the growing concern?

Re-examine the progress of the past ten years, and this fact becomes apparent: The progress was great—but it did not deal with the basic flaws in higher education's financial situation. Rather, it made the whole enterprise bigger, more sophisticated, and more expensive.

Voluntary contributions grew—but the complexity and costliness of the nation's colleges and universities grew faster.

Endowment funds grew—but the need for the income from them grew faster.

State appropriations grew—but the need grew faster.

Faculty salaries were rising. New courses were needed, due to the unprecedented "knowledge explosion." More costly apparatus was required, as scientific progress grew more complex. Enrollments burgeoned—and students stayed on for more advanced (and more expensive) training at higher levels.

And, for most of the nation's 2,300 colleges and universities, an old problem remained—and was intensified, as the costs of education rose: gifts, endowment, and government funds continued to go, disproportionately, to a relative handful of institutions. Some 36 per cent of all voluntary contributions, for example, went to just 55 major universities. Some 90 per cent of all endowment funds were owned by fewer than 5 per cent of the institutions. In 1966, the most recent year reported, some 70 per cent of the federal government's funds for higher education went to 100 institutions.

McGeorge Bundy, the president of the Ford Foundation, puts it this way:

"Great gains have been made; the academic profession has reached a wholly new level of economic strength, and the instruments of excellence—the libraries and



*Drawings by Peter Hooven*



---

---

EACH NEW ATTEMPT at a massive solution has left the trustees and presidents just where they started.

—A foundation president

---

---

laboratories—are stronger than ever. But the university that pauses to look back will quickly fall behind in the endless race to the future.”

Mr. Bundy says further:

“The greatest general problem of higher education is money . . . . The multiplying needs of the nation’s colleges and universities force a recognition that each new attempt at a massive solution has left the trustees and presidents just where they started: in very great need.”

THE FINANCIAL PROBLEMS of higher education are unlike those, say, of industry. Colleges and universities do not operate like General Motors. On the contrary, they sell their two primary services—teaching and research—at a loss.

It is safe to say (although details may differ from institution to institution) that the American college or university student pays only a fraction of the cost of his education.

This cost varies with the level of education and with the educational practices of the institution he attends. Undergraduate education, for instance, costs less than graduate education—which in turn may cost less than medical education. And the cost of educating a student in the sciences is greater than in the humanities. Whatever the variations, however, the student’s tuition and fees pay only a portion of the bill.

“As private enterprises,” says one president, “we don’t seem to be doing so well. We lose money every time we take in another student.”

Of course, neither he nor his colleagues on other campuses would have it otherwise. Nor, it seems clear, would most of the American people.

But just as student instruction is provided at a substantial reduction from the actual cost, so is the research that the nation’s universities perform on a vast scale for the federal government. On this particular below-cost service, as contrasted with that involving the provision of education to their students, many colleges and universities are considerably less than enthusiastic.

In brief: The federal government rarely pays the full cost of the research it sponsors. Most of the money goes for *direct costs* (compensation for faculty time, equipment, computer use, etc.) Some of it goes for *indirect costs* (such “overhead” costs of the institution as payroll departments, libraries, etc.). Government policy stipulates that the institutions receiving federal research grants









must share in the cost of the research by contributing, in some fashion, a percentage of the total amount of the grant.

University presidents have insisted for many years that the government should pay the full cost of the research it sponsors. Under the present system of cost-sharing, they point out, it actually costs their institutions money to conduct federally sponsored research. This has been one of the most controversial issues in the partnership between higher education and the federal government, and it continues to be so.

In commercial terms, then, colleges and universities sell their products at a loss. If they are to avoid going bankrupt, they must make up—from other sources—the difference between the income they receive for their services and the money they spend to provide them.

With costs spiraling upward, that task becomes ever more formidable.

**H**ERE ARE SOME of the harsh facts: Operating expenditures for higher education more than tripled during the past decade—from about \$4 billion in 1956 to \$12.7 billion last year. By 1970, if government projections are correct, colleges and universities will be spending over \$18 billion for their current operations, plus another \$2 billion or \$3 billion for capital expansion.

Why such steep increases in expenditures? There are several reasons:

- Student enrollment is now close to 7 million—twice what it was in 1960.

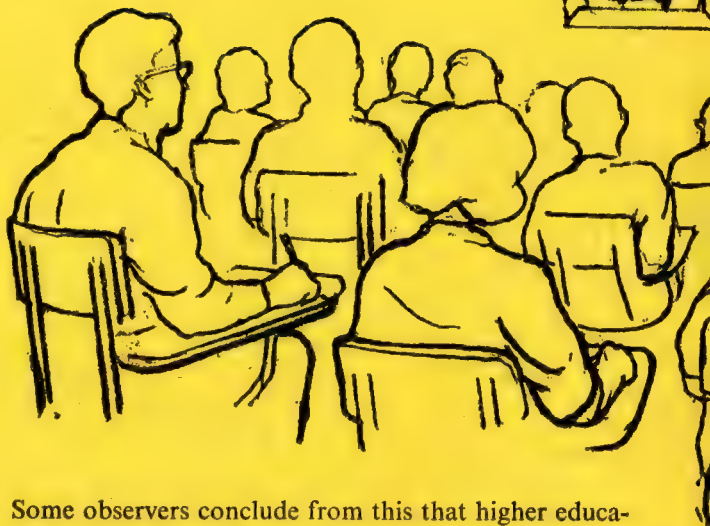
- The rapid accumulation of new knowledge and a resulting trend toward specialization have led to a broadening of the curricula, a sharp increase in graduate study, a need for sophisticated new equipment, and increased library acquisitions. All are very costly.

- An unprecedented growth in faculty salaries—long overdue—has raised instructional costs at most institutions. (Faculty salaries account for roughly half of the educational expenses of the average institution of higher learning.)

- About 20 per cent of the financial “growth” during the past decade is accounted for by inflation.

Not only has the over-all cost of higher education increased markedly, but the *cost per student* has risen steadily, despite increases in enrollment which might, in any other “industry,” be expected to lower the unit cost.

Colleges and universities apparently have not improved their productivity at the same pace as the economy generally. A recent study of the financial trends in three private universities illustrates this. Between 1905 and 1966, the educational cost per student at the three universities, viewed compositely, increased 20-fold, against an economy-wide increase of three- to four-fold. In each of the three periods of peace, direct costs per student increased about 8 per cent, against a 2 per cent annual increase in the economy-wide index.



Some observers conclude from this that higher education must be made more efficient—that ways must be found to educate more students with fewer faculty and staff members. Some institutions have moved in this direction by adopting a year-round calendar of operations, permitting them to make maximum use of the faculty and physical plant. Instructional devices, programmed learning, closed-circuit television, and other technological systems are being employed to increase productivity and to gain economies through larger classes.

The problem, however, is to increase efficiency without jeopardizing the special character of higher education. Scholars are quick to point out that management techniques and business practices cannot be applied easily to colleges and universities. They observe, for example, that on strict cost-accounting principles, a college could not justify its library. A physics professor, complaining about large classes, remarks: “When you get a hundred kids in a classroom, that’s not education; that’s show business.”

The college and university presidents whom we surveyed in the preparation of this report generally believe their institutions are making every dollar work. There is room for improvement, they acknowledge. But few feel the financial problems of higher education can be significantly reduced through more efficient management.

**O**NE THING seems fairly certain: The costs of higher education will continue to rise. To meet their projected expenses, colleges and universities will need to increase their annual operating income by more than \$4 billion during the four-year period between 1966 and 1970. They must find another \$8 billion or \$10 billion for capital outlays.

Consider what this might mean for a typical private





university. A recent report presented this hypothetical case, based on actual projections of university expenditures and income:

The institution's budget is now in balance. Its educational and general expenditures total \$24.5 million a year.

Assume that the university's expenditures per student will continue to grow at the rate of the past ten years—7.5 per cent annually. Assume, too, that the university's enrollment will continue to grow at *its* rate of the past ten years—3.4 per cent annually. Ten years hence, the institution's educational and general expenses would total \$70.7 million.

At best, continues the analysis, tuition payments in the next ten years will grow at a rate of 6 per cent a year; at worst, at a rate of 4 per cent—compared with 9 per cent over the *past* ten years. Endowment income will grow at a rate of 3.5 to 5 per cent, compared with 7.7 per cent over the past decade. Gifts and grants will grow at a rate of 4.5 to 6 per cent, compared with 6.5 per cent over the past decade.

"If the income from private sources grew at the *higher* rates projected," says the analysis, "it would increase from \$24.5 million to \$50.9 million—leaving a deficit of \$19.8 million, ten years hence. If its income from private sources grew at the *lower* rates projected, it would have increased to only \$43 million—leaving a shortage of \$27.8 million, ten years hence."

In publicly supported colleges and universities, the outlook is no brighter, although the gloom is of a different variety. Says the report of a study by two professors at the University of Wisconsin:

"Public institutions of higher education in the United States are now operating at a quality deficit of more than a billion dollars a year. In addition, despite heavy construction schedules, they have accumulated a major capital lag."

The deficit cited by the Wisconsin professors is a computation of the cost of bringing the public institutions' expenditures per student to a level comparable with that at the private institutions. With the enrollment growth expected by 1975, the professors calculate, the "quality deficit" in public higher education will reach \$2.5 billion.

The problem is caused, in large part, by the tremendous enrollment increases in public colleges and universities. The institutions' resources, says the Wisconsin study, "may not prove equal to the task."

Moreover, there are indications that public institutions may be nearing the limit of expansion, unless they receive a massive infusion of new funds. One of every seven public universities rejected qualified applicants from their own states last fall; two of every seven rejected qualified applicants from other states. One of every ten raised admissions standards for in-state students; one in six raised standards for out-of-state students.

**W**ILL THE FUNDS be found to meet the projected cost increases of higher education? Colleges and universities have traditionally received their operating income from three sources: *from the students*, in the form of tuition and fees; *from the state*, in the form of legislative appropriations; and *from individuals, foundations, and corporations*, in the form of gifts. (Money from the federal government for operating expenses is still more of a hope than a reality.)

Can these traditional sources of funds continue to meet the need? The question is much on the minds of the nation's college and university presidents.

► **Tuition and fees:** They have been rising—and are likely to rise more. A number of private "prestige" institutions have passed the \$2,000 mark. Public institutions are under mounting pressure to raise tuition and fees, and their student charges have been rising at a faster rate than those in private institutions.

The problem of student charges is one of the most controversial issues in higher education today. Some feel that the student, as the direct beneficiary of an education, should pay most or all of its real costs. Others disagree emphatically: since society as a whole is the ultimate beneficiary, they argue, every student should have the right to an education, whether he can afford it or not.

The leaders of publicly supported colleges and universities are almost unanimous on this point: that higher tuitions and fees will erode the premise of equal oppor-



---

---

**T**UITION: We are reaching a point of diminishing returns. —*A college president*  
It's like buying a second home. —*A parent*

---

---

tunity on which public higher education is based. They would like to see the present trend reversed—toward free, or at least lower-cost, higher education.

Leaders of private institutions find the rising tuitions equally disturbing. Heavily dependent upon the income they receive from students, many such institutions find that raising their tuition is inescapable, as costs rise. Scores of presidents surveyed for this report, however, said that mounting tuition costs are “pricing us out of the market.” Said one: “As our tuition rises beyond the reach of a larger and larger segment of the college-age population, we find it more and more difficult to attract our quota of students. We are reaching a point of diminishing returns.”

Parents and students also are worried. Said one father who has been financing a college education for three daughters: “It’s like buying a second home.”

Stanford Professor Roger A. Freeman says it isn’t really that bad. In his book, *Crisis in College Finance?*, he points out that when tuition increases have been adjusted to the shrinking value of the dollar or are related to rising levels of income, the cost to the student actually declined between 1941 and 1961. But this is small consolation to a man with an annual salary of \$15,000 and three daughters in college.

Colleges and universities will be under increasing pressure to raise their rates still higher, but if they do, they will run the risk of pricing themselves beyond the means of more and more students. Indeed, the evidence is strong that resistance to high tuition is growing, even in relatively well-to-do families. The College Scholarship Service, an arm of the College Entrance Examination Board, reported recently that some middle- and upper-income parents have been “substituting relatively low-cost institutions” because of the rising prices at some of the nation’s colleges and universities.

The presidents of such institutions have nightmares over such trends. One of them, the head of a private college in Minnesota, told us:

“We are so dependent upon tuition for approximately 50 per cent of our operating expenses that if 40 fewer students come in September than we expect, we could have a budgetary deficit this year of \$50,000 or more.”

► **State appropriations:** The 50 states have appropriated nearly \$4.4 billion for their colleges and universities this year—a figure that includes neither the \$1–\$2 billion spent by public institutions for capital expansion, nor the appropriations of local governments, which account

for about 10 per cent of all public appropriations for the operating expenses of higher education.

The record set by the states is remarkable—one that many observers would have declared impossible, as recently as eight years ago. In those eight years, the states have increased their appropriations for higher education by an incredible 214 per cent.

Can the states sustain this growth in their support of higher education? Will they be willing to do so?

The more pessimistic observers believe that the states can’t and won’t, without a drastic overhaul in the tax structures on which state financing is based. The most productive tax sources, such observers say, have been pre-empted by the federal government. They also believe that more and more state funds will be used, in the future, to meet increasing demands for other services.

Optimists, on the other hand, are convinced the states are far from reaching the upper limits of their ability to raise revenue. Tax reforms, they say, will enable states to increase their annual budgets sufficiently to meet higher education’s needs.

The debate is theoretical. As a staff report to the Advisory Commission on Intergovernmental Relations concluded: “The appraisal of a state’s fiscal capacity is a political decision [that] it alone can make. It is not a researchable problem.”

Ultimately, in short, the decision rests with the taxpayer.

► **Voluntary private gifts:** Gifts are vital to higher education.

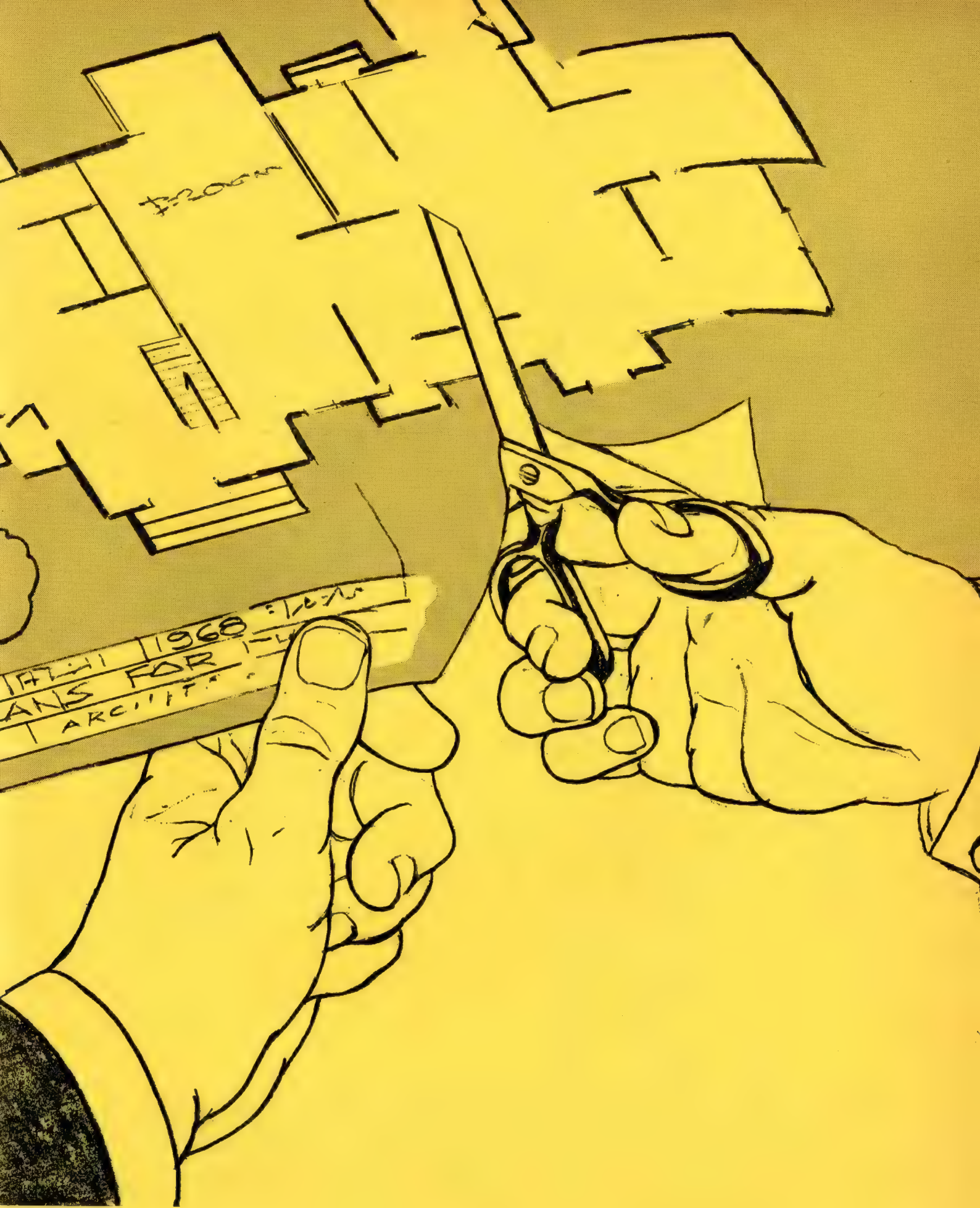
In private colleges and universities, they are part of the lifeblood. Such institutions commonly budget a deficit, and then pray that it will be met by private gifts.

In public institutions, private gifts supplement state appropriations. They provide what is often called “a margin for excellence.” Many public institutions use such funds to raise faculty salaries above the levels paid for by the state, and are thus able to compete for top scholars. A number of institutions depend upon private gifts for student facilities that the state does not provide.


Will private giving grow fast enough to meet the growing need? As with state appropriations, opinions vary.

John J. Schwartz, executive director of the American Association of Fund-Raising Counsel, feels there is a great untapped reservoir. At present, for example, only one out of every four alumni and alumnae contributes to higher education. And, while American business corporations gave an estimated \$300 million to education









in 1965-66, this was only about 0.37 per cent of their net income before taxes. On the average, companies contribute only about 1.10 per cent of net income before taxes to all causes—well below the 5 per cent allowed by the Federal government. Certainly there is room for expansion.

(Colleges and universities are working overtime to tap this reservoir. Mr. Schwartz's association alone lists 117 colleges and universities that are now campaigning to raise a combined total of \$4 billion.)

But others are not so certain that expansion in private giving will indeed take place. The 46th annual survey by the John Price Jones Company, a firm of fund-raising counselors, sampled 50 colleges and universities and found a decline in voluntary giving of 8.7 per cent in 12 months. The Council for Financial Aid to Education and the American Alumni Council calculate that voluntary support for higher education in 1965-66 declined by some 1.2 per cent in the same period.

Refining these figures gives them more meaning. The major private universities, for example, received about 36 per cent of the \$1.2 billion given to higher education—a decrease from the previous year. Private liberal arts colleges also fell behind: coeducational colleges dropped 10 per cent, men's colleges dropped 16.2 per cent, and women's colleges dropped 12.6 per cent. State institutions, on the other hand, increased their private support by 23.8 per cent.

The record of some cohesive groups of colleges and universities is also revealing. Voluntary support of eight Ivy League institutions declined 27.8 per cent, for a total loss of \$61 million. The Seven College Conference, a group of women's colleges, reported a drop of 41 per cent. The Associated Colleges of the Midwest dropped about



---

---

**O**N THE QUESTION OF FEDERAL AID, everybody seems to be running to the same side of the boat.

—A college president

---

---

5.5 per cent. The Council of Southern Universities declined 6.2 per cent. Fifty-five major private universities received 7.7 per cent less from gifts.

Four groups gained. The state universities and colleges received 20.5 per cent more in private gifts in 1965-66 than in the previous year. Fourteen technological institutions gained 10.8 per cent. Members of the Great Lakes College Association gained 5.6 per cent. And Western Conference universities, plus the University of Chicago, gained 34.5 per cent. (Within each such group, of course, individual colleges may have gained or lost differently from the group as a whole.)

The biggest drop in voluntary contributions came in foundation grants. Although this may have been due, in part, to the fact that there had been some unusually large grants the previous year, it may also have been a foretaste of things to come. Many of those who observe foundations closely think such grants will be harder and harder for colleges and universities to come by, in years to come.

**F**EARING that the traditional sources of revenue may not yield the necessary funds, college and university presidents are looking more and more to Washington for the solution to their financial problems.

The president of a large state university in the South, whose views are typical of many, told us: "Increased federal support is essential to the fiscal stability of the colleges and universities of the land. And such aid is a proper federal expenditure."

Most of his colleagues agreed—some reluctantly. Said the president of a college in Iowa: "I don't like it . . . but it may be inevitable." Another remarked: "On the ques-

tion of federal aid, everybody seems to be running to the same side of the boat."

More federal aid is almost certain to come. The question is, When? And in what form?

Realism compels this answer: In the near future, the federal government is unlikely to provide substantial support for the operating expenses of the country's colleges and universities.

The war in Vietnam is one reason. Painful effects of war-prompted economies have already been felt on the campuses. The effective federal funding of research per faculty member is declining. Construction grants are becoming scarcer. Fellowship programs either have been reduced or have merely held the line.

Indeed, the changes in the flow of federal money to the campuses may be the major event that has brought higher education's financial problems to their present head.

Would things be different in a peacetime economy? Many college and university administrators think so. They already are planning for the day when the Vietnam war ends and when, the thinking goes, huge sums of federal money will be available for higher education. It is no secret that some government officials are operating on the same assumption and are designing new programs of support for higher education, to be put into effect when the war ends.

Others are not so certain the postwar money flow is that inevitable. One of the doubters is Clark Kerr, former president of the University of California and a man with considerable first-hand knowledge of the relationship between higher education and the federal government. Mr. Kerr is inclined to believe that the colleges and universities will have to fight for their place on a national priority list that will be crammed with a number of other pressing





---

---

COLLEGES AND UNIVERSITIES are tough. They have survived countless cataclysms and crises, and one way or another they will endure.

—A college president

---

---

problems: air and water pollution, civil rights, and the plight of the nation's cities, to name but a few.

One thing seems clear: The pattern of federal aid must change dramatically, if it is to help solve the financial problems of U.S. higher education. Directly or indirectly, more federal dollars must be applied to meeting the increasing costs of *operating* the colleges and universities, even as the government continues its support of students, of building programs, and of research.

**I**N SEARCHING for a way out of their financial difficulties, colleges and universities face the hazard that their individual interests may conflict. Some form of competition (since the institutions are many and the sources of dollars few) is inevitable and healthy. But one form of competition is potentially dangerous and destructive and, in the view of impartial supporters of all institutions of higher education, must be avoided at all costs.

This is a conflict between private and public colleges and universities.

In simpler times, there was little cause for friction. Public institutions received their funds from the states. Private institutions received *their* funds from private sources.

No longer. All along the line, and with increasing frequency, both types of institution are seeking both public and private support—often from the same sources:

- **The state treasuries:** More and more private institutions are suggesting that some form of state aid is not only necessary but appropriate. A number of states have already enacted programs of aid to students attending private institutions. Some 40 per cent of the state appropriation for higher education in Pennsylvania now goes to private institutions.

- **The private philanthropists:** More and more public institutions are seeking gifts from individuals, foundations, and corporations, to supplement the funds they receive from the state. As noted earlier in this report, their efforts are meeting with growing success.

- **The federal government:** Both public and private colleges and universities receive funds from Washington. But the different types of institution sometimes disagree on the fundamentals of distributing it.

Should the government help pay the operating costs of colleges and universities by making grants directly to the institutions—perhaps through a formula based on enroll-

ments? The heads of many public institutions are inclined to think so. The heads of many low-enrollment, high-tuition private institutions, by contrast, tend to favor programs that operate indirectly—perhaps by giving enough money to the students themselves, to enable them to pay for an education at whatever institutions they might choose.

Similarly, the strongest opposition to long-term, federally underwritten student-loan plans—some envisioning a payback period extending over most of one's lifetime—comes from public institutions, while some private-college and university leaders find, in such plans, a hope that their institutions might be able to charge "full-cost" tuition rates without barring students whose families can't afford to pay.

In such frictional situations, involving not only billions of dollars but also some very deep-seated convictions about the country's educational philosophy, the chances that destructive conflicts might develop are obviously great. If such conflicts were to grow, they could only sap the energies of all who engage in them.

**I**F THERE IS INDEED A CRISIS building in American higher education, it is not solely a problem of meeting the minimum needs of our colleges and universities in the years ahead. Nor, for most, is it a question of survive or perish; "colleges and universities are tough," as one president put it; "they have survived countless cataclysms and crises, and one way or another they will endure."

The real crisis will be finding the means of providing the quality, the innovation, the pioneering that the nation needs, if its system of higher education is to meet the demands of the morrow.

Not only must America's colleges and universities serve millions more students in the years ahead; they must also equip these young people to live in a world that is changing with incredible swiftness and complexity. At the same time, they must carry on the basic research on which the nation's scientific and technological advancement rests. And they must be ever-ready to help meet the immediate and long-range needs of society; ever-responsive to society's demands.

At present, the questions outnumber the answers.

- How can the United States make sure that its colleges and universities not only will accomplish the minimum task but will, in the words of one corporate leader,







---

---

NOTHING IS MORE IMPORTANT than the critical and knowledgeable interest of our alumni. It cannot possibly be measured in merely financial terms.

—A university president

---

---

provide "an educational system adequate to enable us to live in the complex environment of this century?"

► Do we really want to preserve the diversity of an educational system that has brought the country a strength unknown in any other time or any other place? And, if so, *can* we?

► How can we provide every youth with as much education as he is qualified for?

► Can a balance be achieved in the sources of higher education's support, so that public and private institutions can flourish side by side?

► How can federal money best be channeled into our colleges and universities without jeopardizing their independence and without discouraging support either from the state legislatures or from private philanthropy?

The answers will come painfully; there is no panacea. Quick solutions, fashioned in an atmosphere of crisis, are likely to compound the problem. The right answers will emerge only from greater understanding on the part of the country's citizens, from honest and candid discussion of the problems, and from the cooperation and support of all elements of society.

The president of a state university in the Southwest told us: "Among state universities, nothing is more important

than the growing critical and knowledgeable interest of our alumni. That interest leads to general support. It cannot possibly be measured in merely financial terms."

A private college president said: "The greatest single source of improvement can come from a realization on the part of a broad segment of our population that higher education must have support. Not only will people have to give more, but more will have to give."

But *do* people understand? A special study by the Council for Financial Aid to Education found that:

► 82 per cent of persons in managerial positions or the professions do not consider American business to be an important source of gift support for colleges and universities.

► 59 per cent of persons with incomes of \$10,000 or over do not think higher education has financial problems.

► 52 per cent of college graduates apparently are not aware that their alma mater has financial problems.

To America's colleges and universities, these are the most discouraging revelations of all. Unless the American people—especially the college and university alumni—can come alive to the reality of higher education's impending crisis, then the problems of today will be the disasters of tomorrow.

---

The report on this and the preceding 15 pages is the product of a cooperative endeavor in which scores of schools, colleges, and universities are taking part. It was prepared under the direction of the group listed below, who form EDITORIAL PROJECTS FOR EDUCATION, a non-profit organization associated with the American Alumni Council.

Naturally, in a report of such length and scope, not all statements necessarily reflect the views of all the persons involved, or of their institutions. Copyright © 1968 by Editorial Projects for Education, Inc. All rights reserved; no part may be reproduced without the express permission of the editors. Printed in U. S. A.

DENTON BEAL  
*Carnegie-Mellon University*

DAVID A. BURR  
*The University of Oklahoma*

MARALYN O. GILLESPIE  
*Swarthmore College*

CHARLES M. HELMKEN  
*American Alumni Council*

GEORGE C. KELLER  
*Columbia University*

JOHN I. MATTILL  
*Massachusetts Institute  
of Technology*

KEN METZLER  
*The University of Oregon*

RUSSELL OLIN  
*The University of Colorado*

JOHN W. PATON  
*Wesleyan University*

ROBERT M. RHODES  
*The University of Pennsylvania*

STANLEY SAPLIN  
*New York University*

VERNE A. STADTMAN  
*The University of California*

FREDERIC A. STOTT  
*Phillips Academy, Andover*

FRANK J. TATE  
*The Ohio State University*

CHARLES E. WIDMAYER  
*Dartmouth College*

DOROTHY F. WILLIAMS  
*Simmons College*

RONALD A. WOLK  
*The Carnegie Commission on  
Higher Education*

ELIZABETH BOND WOOD  
*Sweet Briar College*

CHESLEY WORTHINGTON  
*Brown University*

\*

CORBIN GWALTNEY  
*Executive Editor*

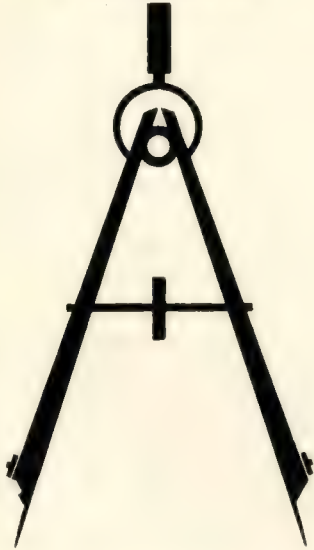
JOHN A. CROWL  
*Associate Editor*

WILLIAM A. MILLER, JR.  
*Managing Editor*

---



**nw**  
wade



A Complete Selection of  
Drafting Supplies and  
Drawing Office Materials

- RADIUS TENSION DRAWING TABLES
- TRANSTEX TRACING PAPERS
- DI-LINE REPRODUCTION PRODUCTS

**norman wade company limited**

76 HYMUS BLVD., POINTE CLAIRE, P.Q. TEL. 697-6130



**"EXPORT"**

PLAIN or FILTER TIP  
CIGARETTES

REGULAR AND KINGS

# Trust National to be you.

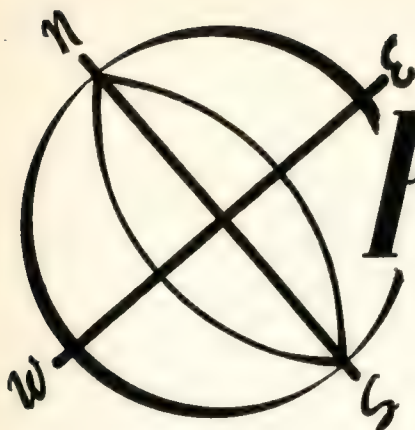
National Trust Executors  
have the experience to act for you  
and the understanding to act like you.

**National  
Trust**

1350 SHERBROOKE STREET WEST, MONTREAL  
TELEPHONE: 849-9431

**SINCE 1898**





# PERSONALITIES

42

**Edgar E. Smee, B.A.**, has moved to Dundas, Ontario, to assume the responsibilities of Regional Liaison Officer for the Canadian Citizenship Branch in that area.

43

**Russell F. Barrett, B.Sc.**, is the Branch Manager of the Montreal Victoria branch of the Great-West Life Assurance Company.

51



**Gordon McFarlane, B.A.**, has been made Chairman of the Recreation Division of Algonquin Community College in Ottawa. Mr. McFarlane was formerly a District Consultant with the Community Programs Section of the Ontario Department of Education.

Gord is a past President of the Association of Alumni.

**Peter Michalchan, B.A.**, has been appointed Chief Administrative Officer at the Canadian Forces College in Toronto. Peter, now a Major in the Canadian Armed Forces (Air Force) is currently at York University completing a Masters in Business Administration.

53

**Gerard Berlinguette, B.Sc.**, has his own firm, Berlinguette, Lajoie et Associes, in Quebec.

**Jean-Paul Denis**, is quietly making a name for himself as an artist with Radio-Canada.



**Trevor J. Phillips, B.A.**, and **Sam Andrews, B.A.**, are teaching philosophy of education at Bowling Green State University in Ohio. This dynamic duo have recently launched a new non-journal, *New Directions in Teaching*, which is, in your editor's opinion, excellent.

Trevor has a doctorate in education (circa. 1967) from the University of Connecticut and Sam will match it sometime this Fall.

**Rae Gilman, B.A.**, is the Executive Secretary of the New Democratic Party in South Western Nova Scotia.

54



**Dr. Arnold Shuster, B.A. '54, B. Comm. '55**, received his degree in Recreation and Social Psychology, while his wife, Susan, obtained her doctorate in Special Education and Psychology.

Since graduation from SGWU, Arnold has been active in camping and social group work,

has taught at McGill University, and is the founder and president of travel CINE-MA, Inc.

He has accepted an appointment as Associate Professor at the University of Maryland in College Park, Md., while wife Susan will serve as a U.S. Government consultant in mental retardation. The Shusters are parents of two future Georgians, Jonathan 3, and David, 1.

55

**Ian R. Brunet, B.Comm.**, has been appointed Production Manager of Texpack Ltd., in Brantford, Ontario.

57

**David J. Carson, B.A.**, is now the Assistant Dean of Students at Babson Institute of Business Administration in Wellesley, Massachusetts.

**H. Keith Sanderson, B.Comm.**, is now Controller of the Aerospace Division of Abex Corporation.

**Ralph Moores**, is the Regional Financial Officer in the financial management department of the Moncton office of the Department of Transport.

**Christina Xenos, B.Comm.**, has changed her name to Mrs. Henry Tomaschuk and lives in Edmonton.

58

**Mortimer S. Bistrisky, B.A.**, has become the youngest Commanding Officer in the history of H.M.C.S. Donnacona.

59

**Andrew Simon, B.A.**, is back in town with CBMT. Welcome back, Andrew, your talents are needed in Canadian television and, besides, its nice to see the brain drain operate in reverse.

**Grace M. Cunningham, B.A.**, is just back from a seminar on the role of newspapers in the classroom. The seminar was held at the University of Waterloo, and Grace, who teaches at Dorval High, was sponsored by the Montreal Star.

60

Your Class Agent for 1960 is Larry Walsh.

**R. P. Fraser, B.A.**, is now the Administrative Assistant to the Principal of Selkirk College out in British Columbia.

61

**Norman P. Goldman, B.A.**, recently married Miss Lillian Azerad. Norman is an expert in franchise law and has published extensively in *La Revue du Notariat*, the *International Franchise Association Quarterly*, and the *Boston College's publication Franchising To-day*. Incidentally, welcome aboard when you return to S.G.W.U. as a lecturer in the English Department this fall.



**George R. Richardson, B.A.**, takes over as Vice-Principal at C.B. Parsons Junior High School in North York, Toronto, as of this September. He is doing post-graduate work at the University of Toronto and also holds a Specialist's Certificate in English. He began his teaching career in England, and on coming to Canada in 1958 taught at schools in Quebec until 1961. He has now been with the North York educational system for seven years, at Bayview and Dufferin Heights Junior High Schools.

George and Mrs. Richardson and their two children are residents of Scarborough.

**Shirley Raphael, B.A.**, one of our more talented gals, has an exhibition of her works currently showing at the West End Art Gallery in Montreal, Dunkelman's in Toronto, and Griffith's in Vancouver.

## 62

Your Class Agent for 1962 is Serge Entine.

**Seymour Luterman, B.A.**, has just opened a new law office in Place Victoria. Anyone wishing to find him will do so by following the sound of the bouncing basketball.

**Rosemary Hammond, B.Comm.**, who is the Secretary-Treasurer of Barnes Security Services Ltd., has been appointed to the Board of Directors of that company at its annual meeting.

## 63

Your Class Agent for 1963 is Fred Allo.

**Louis W. Lafferty, B.A.**, is with the Department of Economics and Sociology at Acadia University.

**S. M. Des Marchais, B.Comm.**, is Divisional Sales Manager for the Province of Quebec with Brooke Bond Canada Ltd.

## 64

**Brian T. H. Robinson, B.A.**, received his M.S.W. from U.B.C. at the May Convocation. Brian married an Alberta gal a few years back and they have a son and heir, Cameron, who advises his dad on his work with the Boys Club of Vancouver.

**Mari-Lin Miller (nee Smith), B.A.**, has returned from a Hawaiian honeymoon and has taken up housekeeping for Ed Miller's Boston household.

**Pierre Hamelin** is Supervisor of Personnel with Eaton's new store in Galeries d'Anjou.



**Paul Gottlieb, B.A.**, has been appointed Creative Director of the Montreal office of Ronalds-Reynolds. Paul is also doing graduate work on an M.A. in English at Sir George.

**Terence L. B. Tagney, B.A.**, is now Director of the English Language Department and Director of English Catholic Elementary Schools, with the Regional School Commission of Mille-Isles.

**William A. Clough, B.Sc.**, married Miss Frances Zurek of Montreal on August 24th. Bill is President of Clough Chemical and a member of the Board of Directors of the Association of Alumni.

**Gordon W. Banks, B.Sc.**, is with Duriron of Canada Ltd., as Manager of their Montreal District Sales Office.

**Frank J. Reiss, B.Comm.**, is with Allied Independent Consultants Ltd., as a Management Consultant.

## 65

**Gayle Heitan, B.A.**, now Mrs. Phillip Danz, graduated with her M.A. from Berkely in May.

**Brian Smith, B.Sc.**, is off to York University to study for his M.B.A. Brian is a very active member of the Board of Directors of the Association of Alumni and has been largely responsible for developing chapters in several areas as well as handling the Personnel Services Committee.

**Carolyn White, B.Comm.**, is, of course, now known as Mrs. Brian Smith, and guess where she is off to?

**Pieter Bos, Cert. Eng., B.Sc.**, married the former Miss Louise Freeland, of Brownsburg, Quebec.

**Michel Tanguay, B.Comm.**, married Miss Sandra Petley of Pointe Claire on July 27th.

**L. M. Croft, B.A.**, is the Director of Marketing for the Canadian Division of Brooke Bond.

**John R. Taylor, B.Comm.**, is with Canadian Pacific Railway in Calgary. He assists industries in Southern Alberta by co-ordinating the various CP services to meet their transportation and distribution requirements.

**Paul E. Outzen, B.Comm.**, is the Comptroller of Crucible of Canada, Ltd.

## 66

Your Class Agent for 1966 is Jawaid Khan.

**Gerald O. Saxton, B.Comm.**, has accepted the post of Executive Director of United Red Feather Services.

**Michael Miller, B.A.**, was married to Miss Roslyn Posluns on July 2nd.

**Knud Jensen, B.A.**, has been appointed to the position of Industrial Analyst (Chemicals) with the Department of Planning and Research at Canadian Pacific.

## 67

Your Class Agent for 1967 is Steven Laing.

**Ronald G. Salhany, B.A.**, has won the Gordon H. Clark Scholarships, awarded by Robin Hood Flour Mills to commemorate one of its former directors. Ron will embark upon M.B.A. studies at the Wharton School of Business.

**Leo Kirklaan, B.Comm.**, acquired a wife since our last publication and still found time to obtain his Certificate in Data Processing from the Data Processing Management Association. Leo is with the Systems Department at Algonquin College of Applied Arts and Technology.

## 68

Your Class Agent for 1968 is Jim Rice.

**Gary D. Davies, B.A.**, married Miss Louise Collins of Montreal on July 27th. Gary is a social worker with the Children's Aid Society of the County of Simcoe and the City of Barrie in Ontario.

**Michael Cohene, B.Comm.**, has moved to Vancouver to take up an appointment as a Junior Executive with the Hudson's Bay Company.

**J. Ronald Coleman, B.Comm.**, is with the Head Office Audit Department of Shell Oil in Toronto.

**Bernice Brown, B.A.**, is that luscious gal who is the cashier at the Jamaica Restaurant down at Terre des Hommes.

**Harvey Oberfeld, B.A.**, who was Public Information Officer for Expo's Youth Advisory Committee, is now Assistant Editor of CIL's house organ Contact.

**Robert Dobro, B.Sc.**, married Miss Merlin Louise Stevens of Montreal West on September 7th.



**TEACHING TO TEACH WITH  
NEW MEDIA ...  
NEW MASTER'S PROGRAM IN  
EDUCATIONAL TECHNOLOGY  
AT S.G.W.U.**

A new Master of Arts in Education program is being offered by Sir George Williams University this term. It will provide the graduates greatly needed to comprehensively cope with the technological revolution in education.

The degree, in Educational Technology, will prepare specialists in either media coordination — the organization, integration and application of educational television, computer assisted instruction, teaching machines, film — or educational television — an option designed for potential specialists in production, direction, research, writing, and teaching.

**CONTENTIOUS REGULATIONS  
TO BE STUDIED ...  
S.G.W.U. MARKETING  
DEPARTMENT TO RESEARCH  
EVENING STORE HOURS**

The Department of Marketing of Sir George Williams University has completed arrangements for a full-scale objective study of early closing legislation and the validity of criticism of evening store hours.

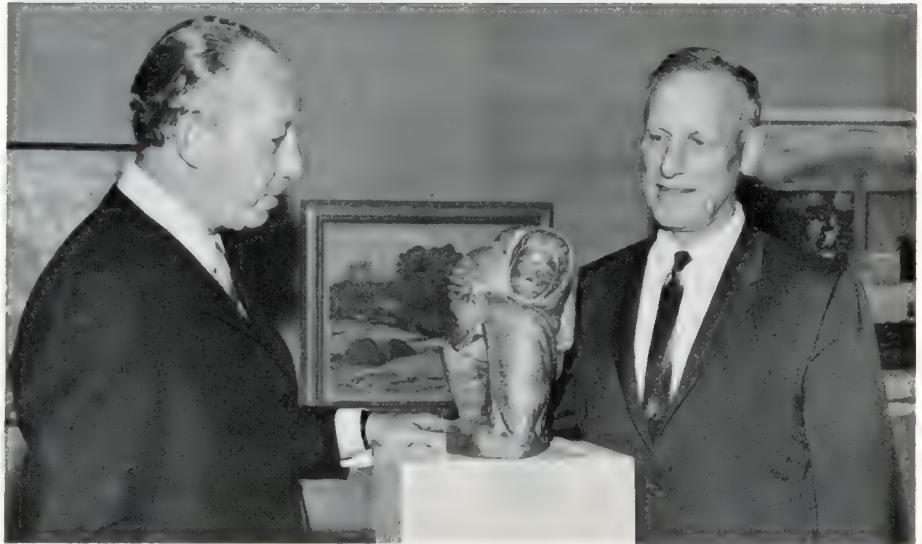
The study will be directed by Dr. Bruce Mallen, Chairman of the Department of Marketing and of M.B.A. Graduate Studies, and financed by the National Retailers Institute, Toronto.

Announcing the project, Dr. Mallen said the first two phases of the six-phase study would be completed by October 31, 1968. Phase one will cover the role of competition in a free market, the role of non-price competition, and the role of evening shopping as a form of non-price competition.

Phase two will be a situation analysis. It will investigate the working hours of retailers and their employees, analyzing the female labour force statistics and data on geographic living patterns and trends. Another part of phase two will deal with the impact of suburban department store and discount department store competition on other types of retailers. Urban planning experts will be consulted about the charge that such competition is contributing to urban decay.

Four other phases are projected for the full-scale study of early closing legislation. These are a marginal cost and volume analysis, a retailer opinion study, consumer exploratory research, and a consumer survey.

# NEWS RELEASES



*"Percy Weissman, on the left, admires part of the Sir George Collection, with Chancellor Fraser F. Fulton."*

**\$10,000 DONATION  
FROM PERCY WEISSMAN  
FOR NEW S.G.W.U. ART GALLERY**

Montreal industrialist Percy Weissman has donated \$10,000 earmarked for the construction of additional art gallery facilities at Sir George Williams University.

Mr. Weissman, President of Liberty Smelting Works (1962) Ltd., presented his check to Acting Principal Douglass Burns Clarke at a brief ceremony today in the indoor campus area of the Henry F. Hall Building.

Professor Clarke said, "Mr. Weissman's generosity is of course much appreciated by the University. It will greatly facilitate the continued growth of our Collection of Canadian Art, permitting better and more numerous exhibitions. In general, it will support the many cultural activities of the University."

Construction plans are now being discussed. It is expected that work will begin during the summer.

**"THE DRAGON WHO WATCHES  
OVER OUR TREASURE"  
CINEMA LEGEND HENRI LANGLOIS  
TO TEACH AT S.G.W.U.**

Henri Langlois, head of the famed Cinémathèque Française despite recent efforts by Minister of Culture André Malraux to have him removed, will teach at Sir George Williams University.

The announcement was made by Dr. Serge Losique, Chairman of the French Department and Director of the University's Conservatory of Cinematographic Art. He said that the University will offer the Langlois lectures in the aesthetics and evolution of French cinema in relation to international cinema. The course (French 461) will be open to both Sir George students working towards a degree, as well as to students from other institutions and to the public. Monsieur Langlois will become Visiting Professor of Cinema, flying from Paris twice monthly to give Friday and Saturday lectures beginning this September. He will be the University's first jet professor.



## GEARED TO EXPERIENCED EXECUTIVES . . .

### NEW MBA PROGRAM AT S.G.W.U.

Sir George Williams University began offering a program leading to the Master's degree in Business Administration during the 1968-69 session.

The M.B.A. program is geared to teach experienced executives the new techniques of decision-making and management. Professionals will be returning to university for late afternoon and evening studies, earning their graduate degree in from two to six years.

The Faculty of Commerce program will emphasize the international aspects of each functional area of business — management, marketing, finance, production, accounting and quantitative methods — as Canada, particularly Montreal, is heavily involved in international operations.

## GODDARD COLLEGE IDEAS IMPLEMENTED . . .

### EXPERIMENTAL "CLUSTER COURSE" PROGRAM AT S.G.W.U.

As universities grow in size and complexity, opportunities for intellectual discussion among students, and between students and professors, seem to diminish. Several faculty members at Sir George, aware of this lack of community, have been meeting recently in an attempt to design a new kind of program to counter such fragmentation and isolation. Their program has been tentatively christened "the cluster system."

A cluster will consist of two, three, or more courses in related areas of study but not necessarily in the same department. 24 courses have been grouped into 10 clusters. The student who is taking part in the experiment will register for all of the courses in the

cluster, and will thus be in constant association throughout the year with persons who share his intellectual interests.

The system stems from discussions with Goddard College officials to discover ways in which the experience and design of the Goddard program might be implemented in improving the content and quality of instruction at Sir George. Goddard is a liberal arts college in Plainfield, Vermont with more than 25 years of experience in experimental educational programs. These include self-selected courses by students, a curriculum without formal course marking, and independent study and field work in areas of major concentration.

The Sir George experiment has two general purposes: to eliminate artificial boundaries between courses and disciplines, and to stimulate the growth of the student intellectual community, especially by increasing the opportunities for informal discussion.

### DENNIS BURTON TO TEACH AT S.G.W.U.

Toronto artist Dennis Burton, known across Canada for his pictures of women in garter belts, will teach at Sir George Williams University.

As Lecturer in Fine Arts, he will give day and evening courses in Art 410, a drawing course in which various media and forms of expression will be explored at the advanced level, and Art 412, a painting and drawing course in which the student chooses and develops his own projects.

His paintings of the female torso in underwear have been the subject of comments by critics and public alike. As an artist, Burton reflected the contemporary exploitation of woman. He has said, "The 20th century woman is a

packaged commodity. She is presented in advertisements, the entertainment field, and men's magazines as an inanimate object divested of her humanity, leaving her only as a sex symbol. I quarrel with the resulting loss of her humanity. In my work, I express my love for the container and especially for its contents."

Recently Burton cast aside panties, stockings and garter belts to zoom in on the vagina. The project started when he began studying the Tantra art of ancient India and discovered that female genitals had been the subject of serious art in the East since 1600 A.D. He became convinced that he could adapt Tantric art to his own purposes. Of Burton's latest show of 20 large oil paintings, Robert Fulford of the *Toronto Daily Star* said: "He uses the female genitals in a dozen different ways. At times they are formed into orchid shapes, at other times they suggest galaxies of stars, at others they open out to reveal, inside themselves, whole worlds. The symbolism is primitive, but effective."

### REGISTRATION 1968/69

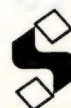
	DAY	EVENING
Arts	2725	4279
Science	1003	1089
Commerce	1036	1538
Engineering	483	376
F.A.	202	108
Partial	65	4301
Graduate S.	78	263
Partial G.S.	2	13
	5594	11,967
Total	17,561	

# you . . .

**SHOULD BE IN POSTGRAD**

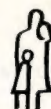
**SEND YOUR NEWS TO**

**"PERSONALITIES"**



**STEINBERG**

Serving Canadian Families since 1917





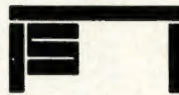


New System  
Linen Service  
Ltd.

900 ONTARIO ST. EAST  
MONTREAL 24, QUEBEC  
TELEPHONE 526-3311

finecrafted  
business  
furniture:  
standard desk

Montreal Showroom:  
Floor E, Place Bonaventure



WINSOR & NEWTON

BRUSHES — CANVAS BOARD

GRUMBACHER & SHIVA

WATER COLORS — OIL COLORS

*C. R. Crowley*  
LIMITED  
THE PAINT MAN

Everything for the Artist

842-4412

1387 ST. CATHERINE ST. W.



**FIVE ROSES**

PRE-SIFTED

**FLOUR**

CANADA'S MOST RESPECTED  
NAME IN BAKING

LINDSAY,  
COSGROVE  
& ASSOCIATES

*Water Pollution Control,  
Water Supply, Sewerage,  
Industrial Waste Treatment,  
Roads, Bridges, Structures,  
Town Planning and  
Engineering Surveys,  
Designs, Estimates, Reports,  
Supervision*

35 York St., Westmount  
Montreal 6

489-8251

*"The foundation  
of every state  
is the education  
of its youth"*

*Diogenes*

Important things are  
happening every day,  
here in Montreal and all  
over the world. Keep  
fully informed by reading  
The Montreal Star.

**The Montreal Star**

*"If it's News—it's in The Star"*



**Interested in  
an expanding  
universe?**

**a career in the Royal offers:**

- Good starting salaries
- Early recognition of abilities
- Varied, exciting prospects
- Opportunity to move
- An accelerated training program
- A rewarding future



**ROYAL BANK**

For further details, ask your Royal Bank Branch Manager for your copy of "Your Future in the Royal Bank".

You will find the following branches especially convenient:

St. Catherine & Stanley      Sherbrooke & Bleury  
Sherbrooke & Peel          Sherbrooke & Guy  
St. Catherine & McGill College

*Now At 3 Stores*

***You'll Enjoy  
Shopping  
at  
SIMPSONS***



DOWNTOWN

**Simpsons**



FAIRVIEW



ANJOU





ENJOY YOURSELF  
move with the  
Fifty crowd  
Take five for Fifty,  
CANADA'S  
FASTEST  
GROWING ALE!



ACROSS CANADA



Brewed in Quebec by Labatt Brewery Ltd.

BEER AT ITS BEST